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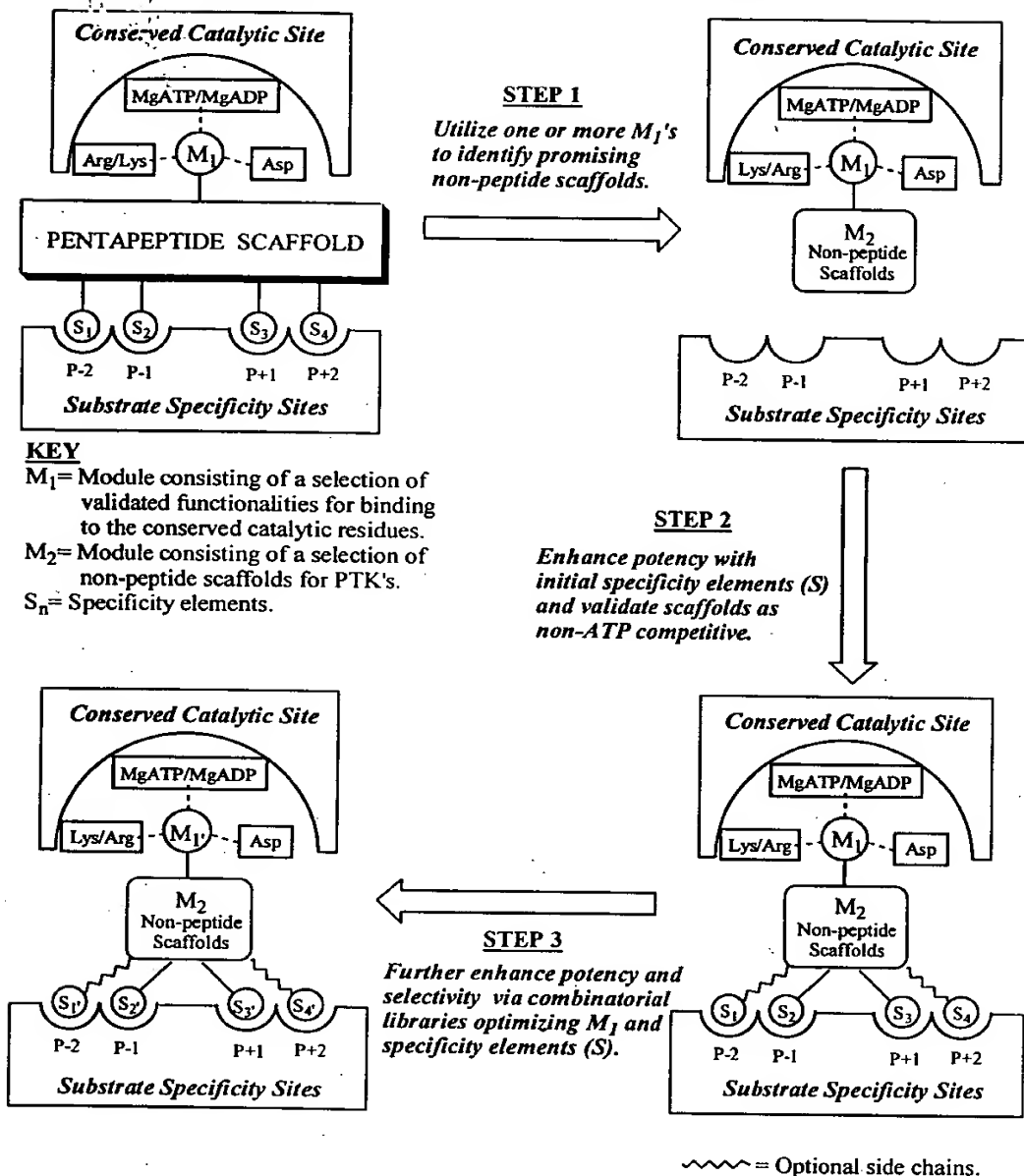
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Figure 1

MODULAR STRATEGY FOR DEVELOPING NON-PEPTIDE PROTEIN KINASE INHIBITORS



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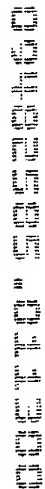


Figure 3

General Module M₁ Design Features For Binding To The Conserved Protein Kinase Catalytic Region

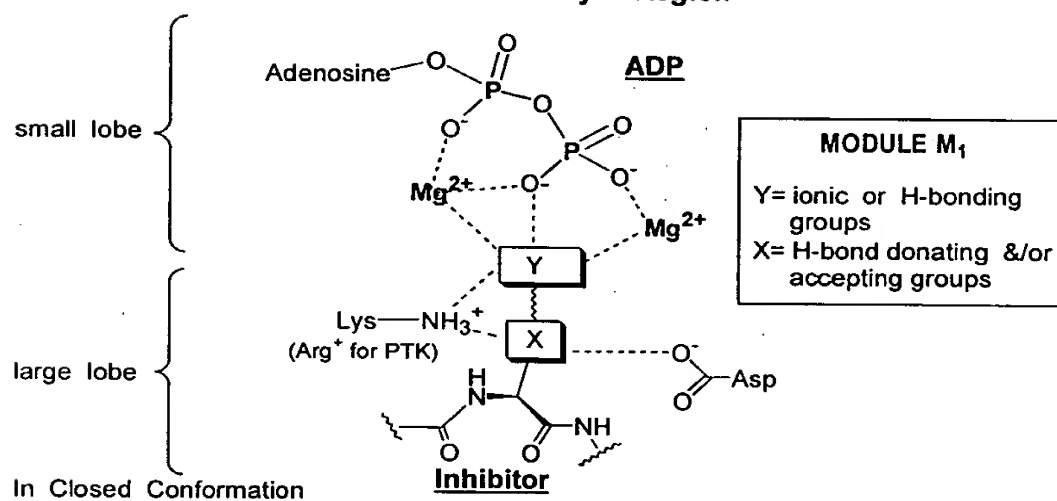
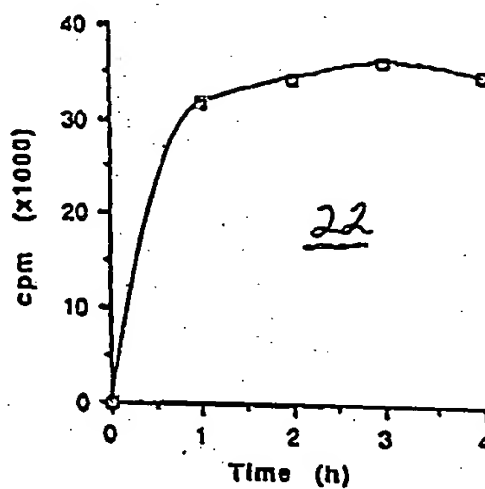
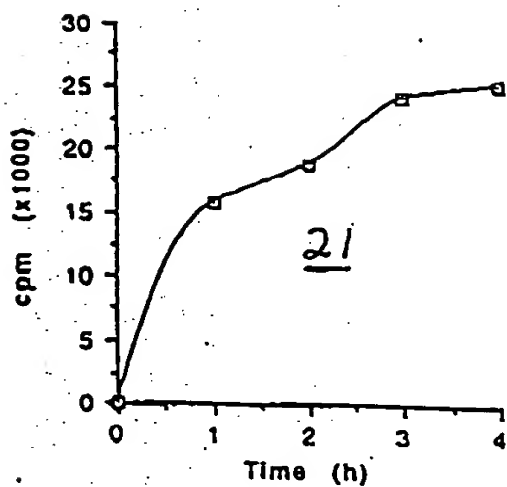


Figure 4
SUBSTRATE BEHAVIOR FOR BORONIC ACID PKA INHIBITORS 21 & 22



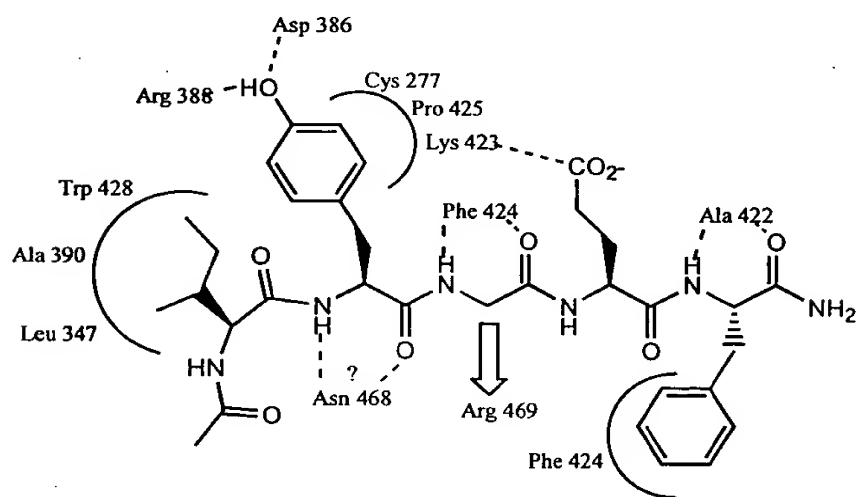
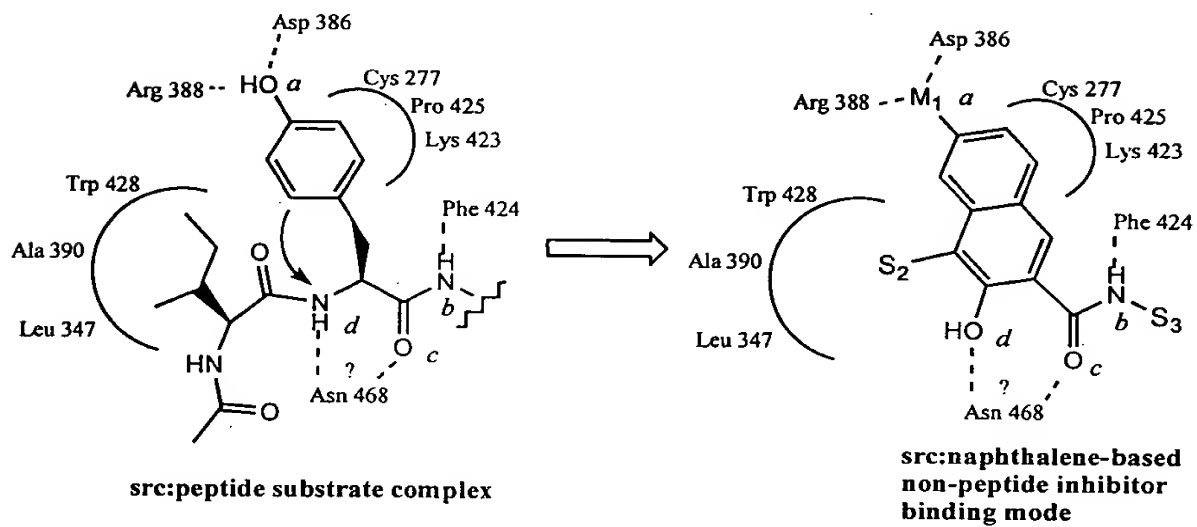
[illegible]

Figure 6

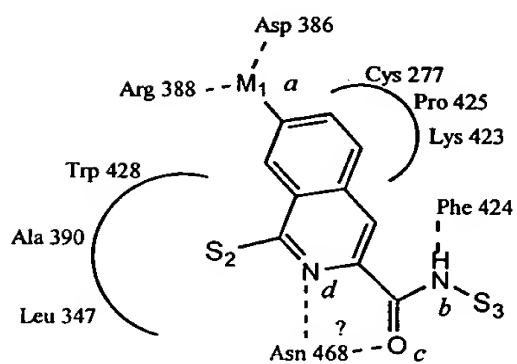
Design of naphthalene-based src inhibitor scaffold



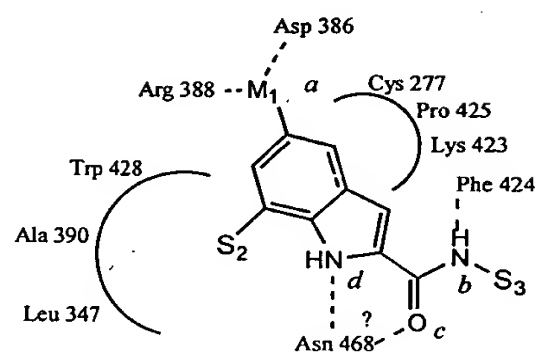
002705030100

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 3. *Chlorophyll c* (Chl *c*)
 4. *Chlorophyll d* (Chl *d*)
 5. *Chlorophyll e* (Chl *e*)
 6. *Chlorophyll f* (Chl *f*)
 7. *Chlorophyll g* (Chl *g*)
 8. *Chlorophyll h* (Chl *h*)
 9. *Chlorophyll i* (Chl *i*)
 10. *Chlorophyll j* (Chl *j*)
 11. *Chlorophyll k* (Chl *k*)
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 14. *Chlorophyll n* (Chl *n*)
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 25. *Chlorophyll y* (Chl *y*)
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 29. *Chlorophyll ac* (Chl *ac*)
 30. *Chlorophyll ad* (Chl *ad*)
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 32. *Chlorophyll af* (Chl *af*)
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 34. *Chlorophyll ah* (Chl *ah*)
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 131. *Chlorophyll ayz* (Chl *ayz*)
 132. *Chlorophyll ayz* (Chl *ayz*)
 133.

Design of isoquinoline and indole-based src inhibitor scaffolds



**src:isoquinoline-based
non-peptide inhibitor
binding mode**



**src:indole-based
non-peptide inhibitor
binding mode**

Figure 8

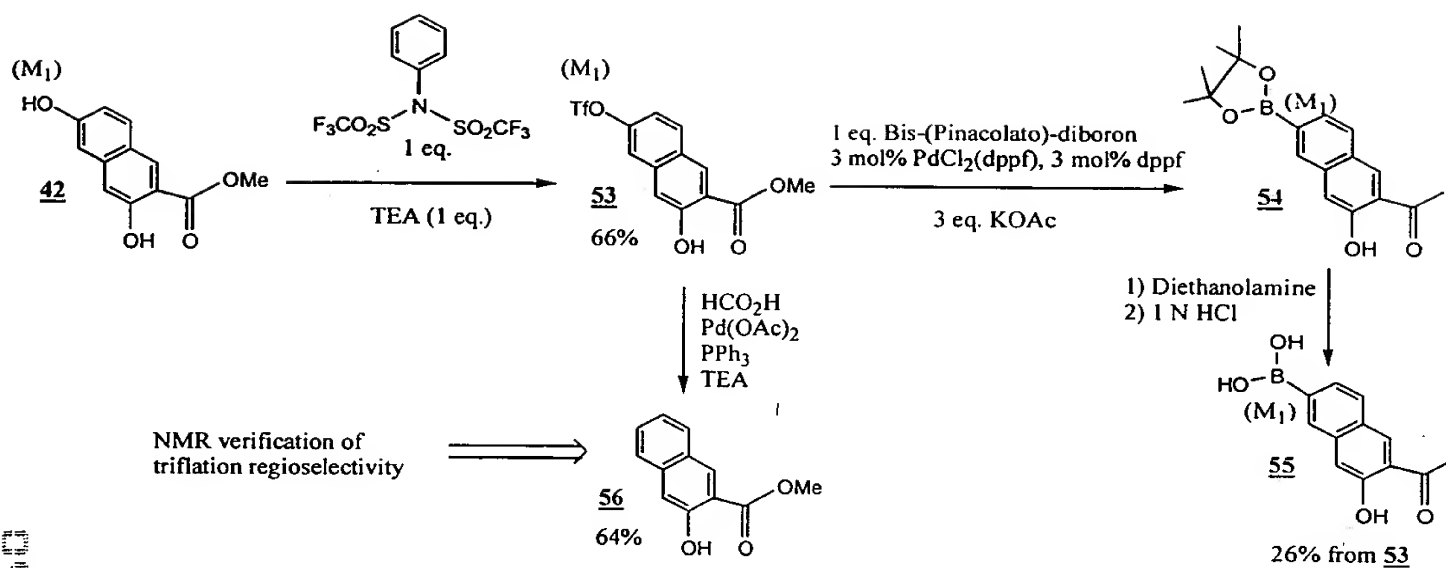
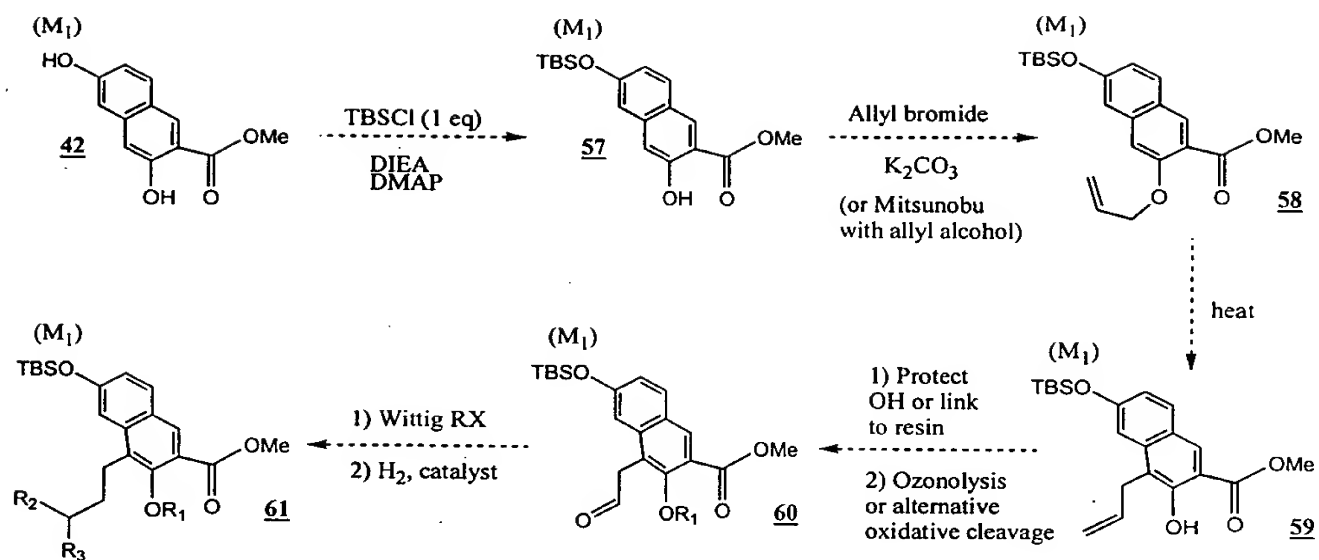
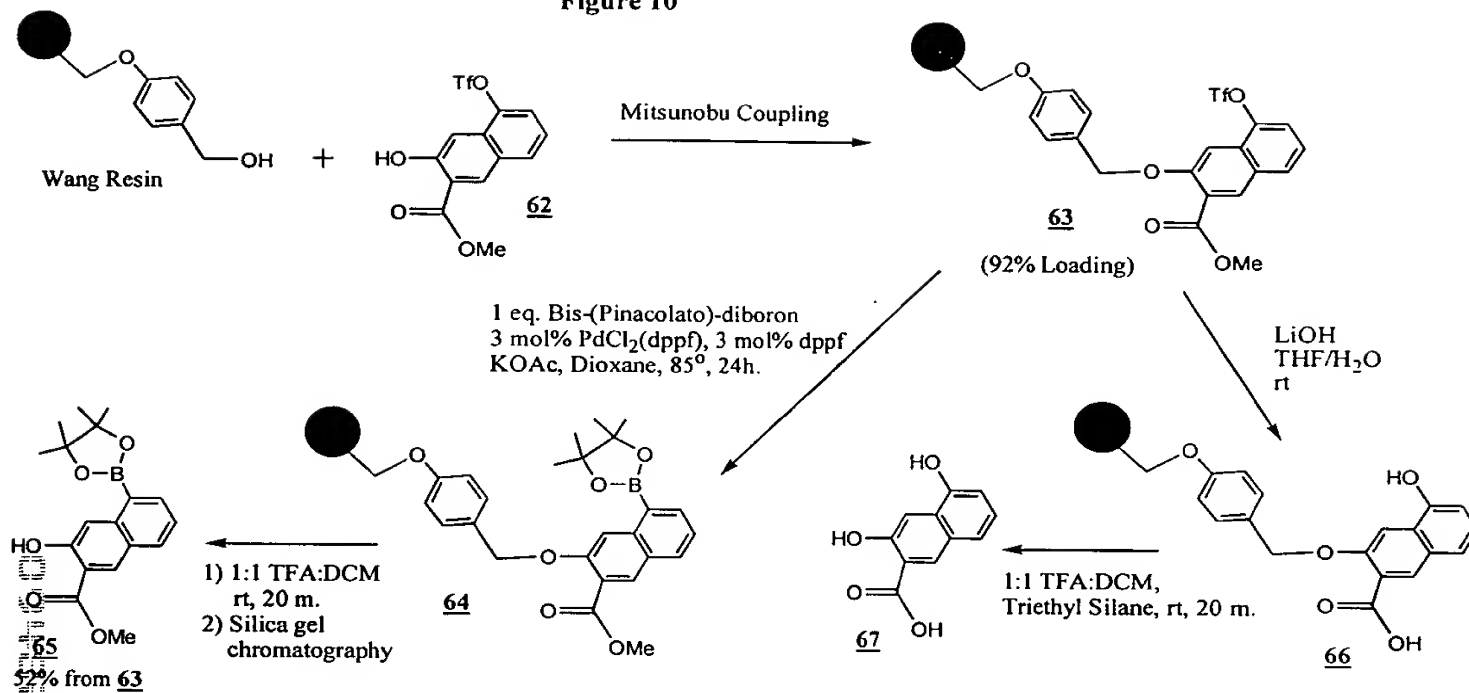


Figure 9



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Figure 10



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

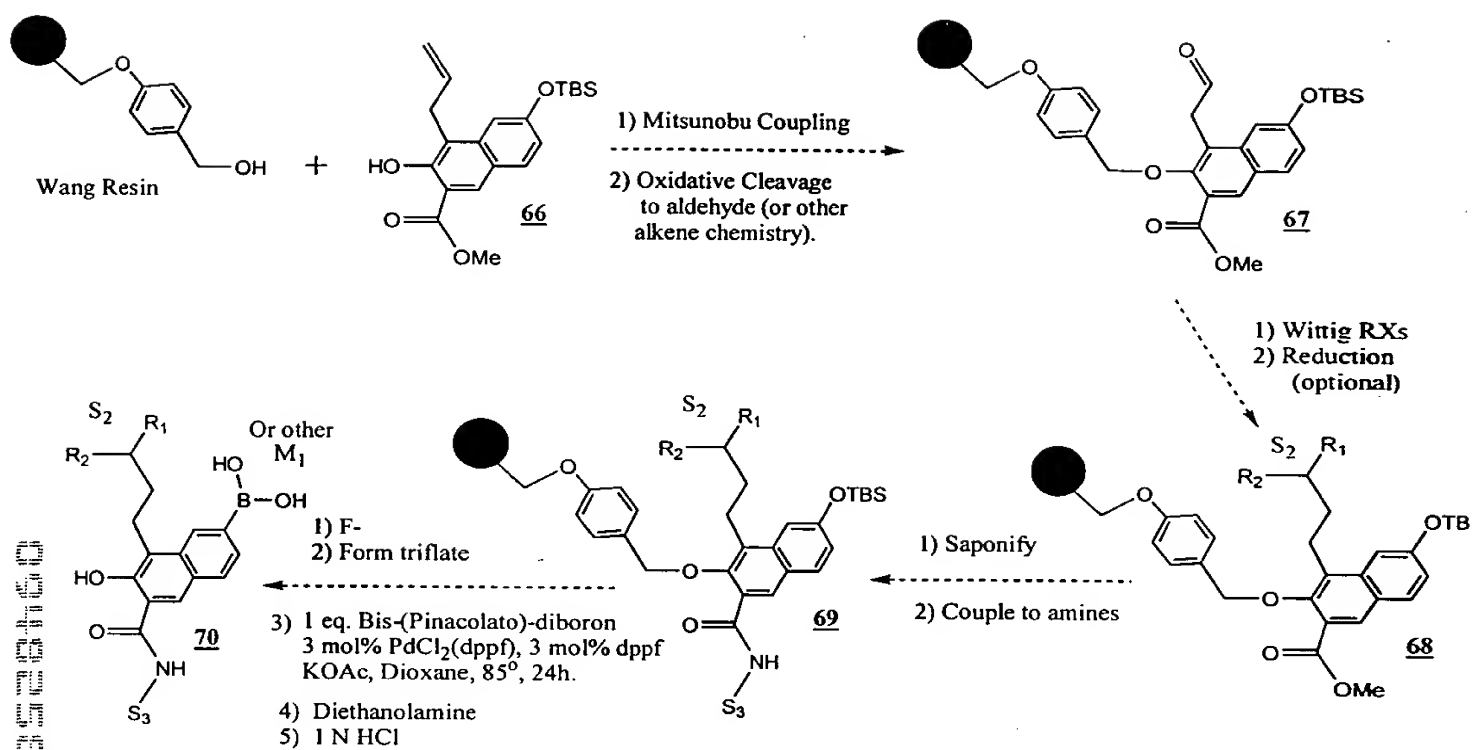
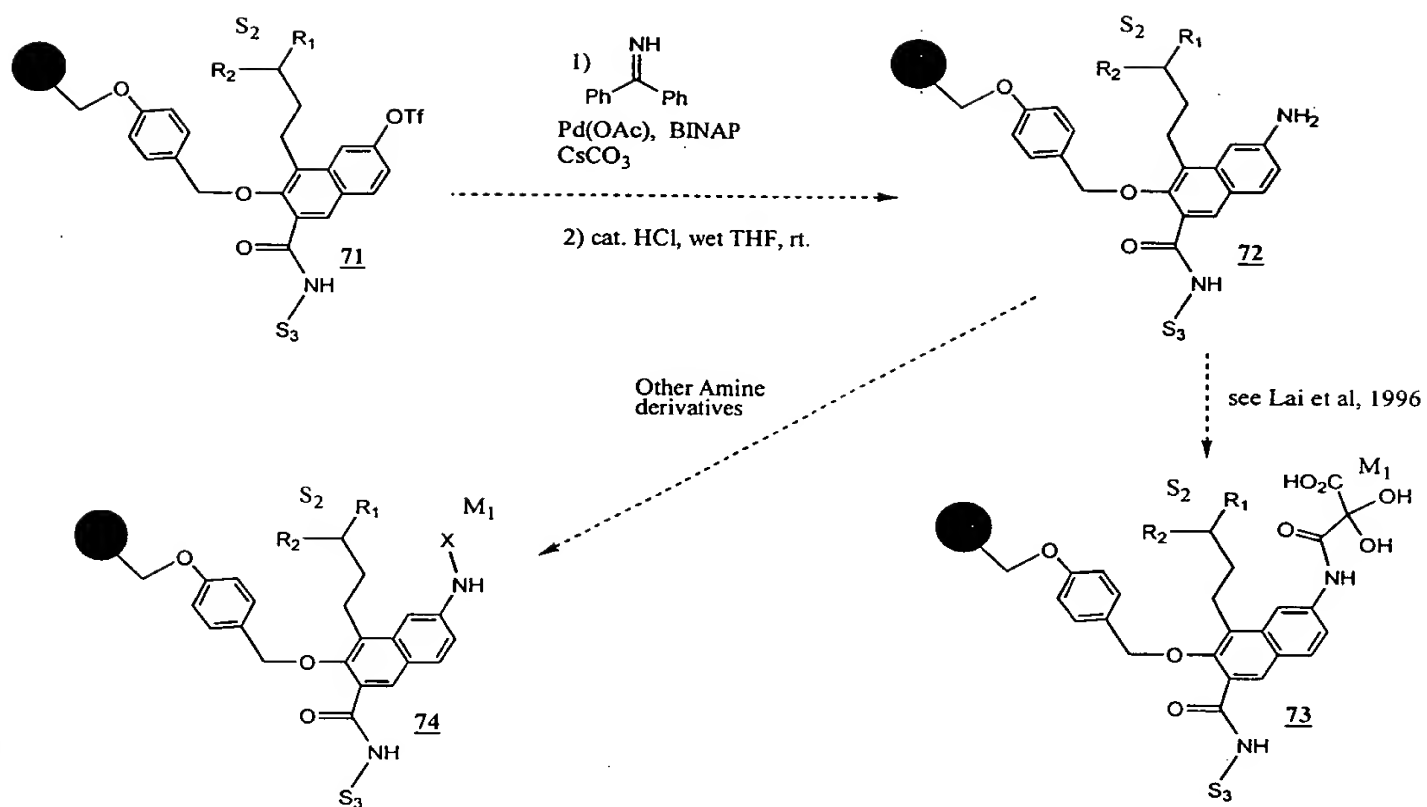


Figure 12



(Residues are from the IRTK ternary structure and dotted bonds are H-bonds)

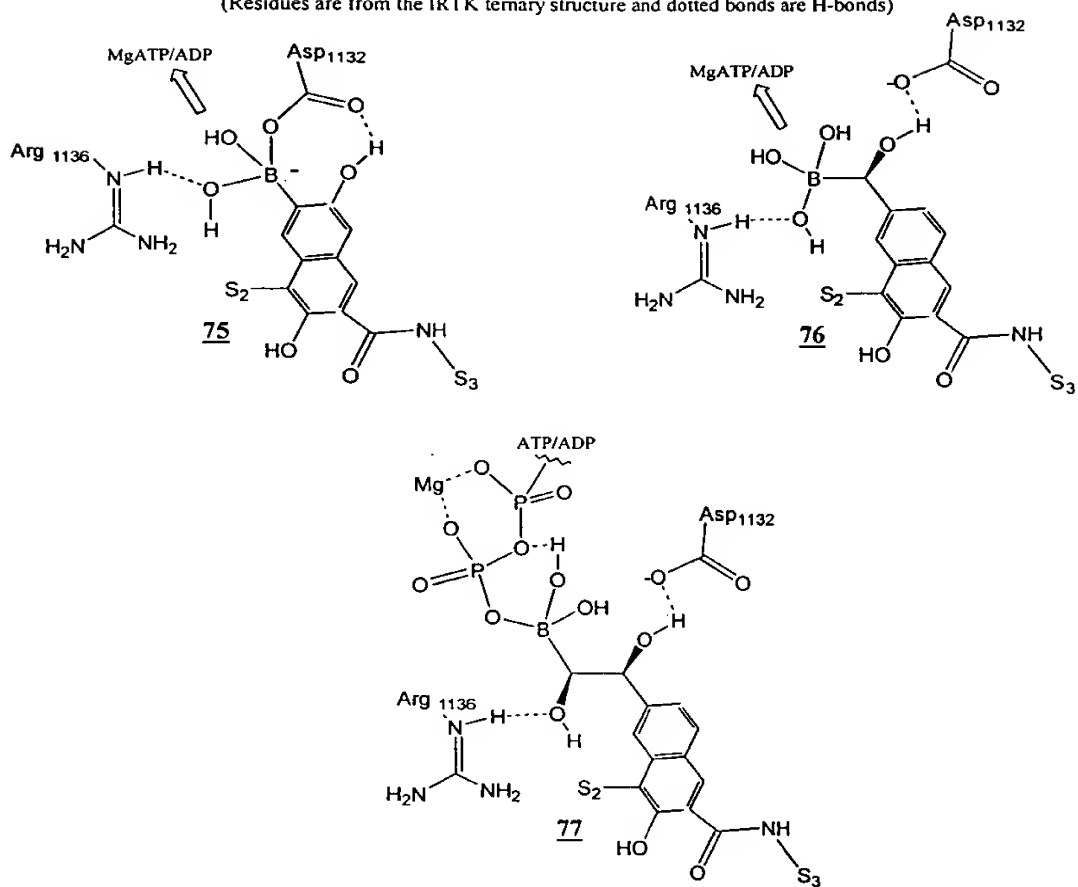
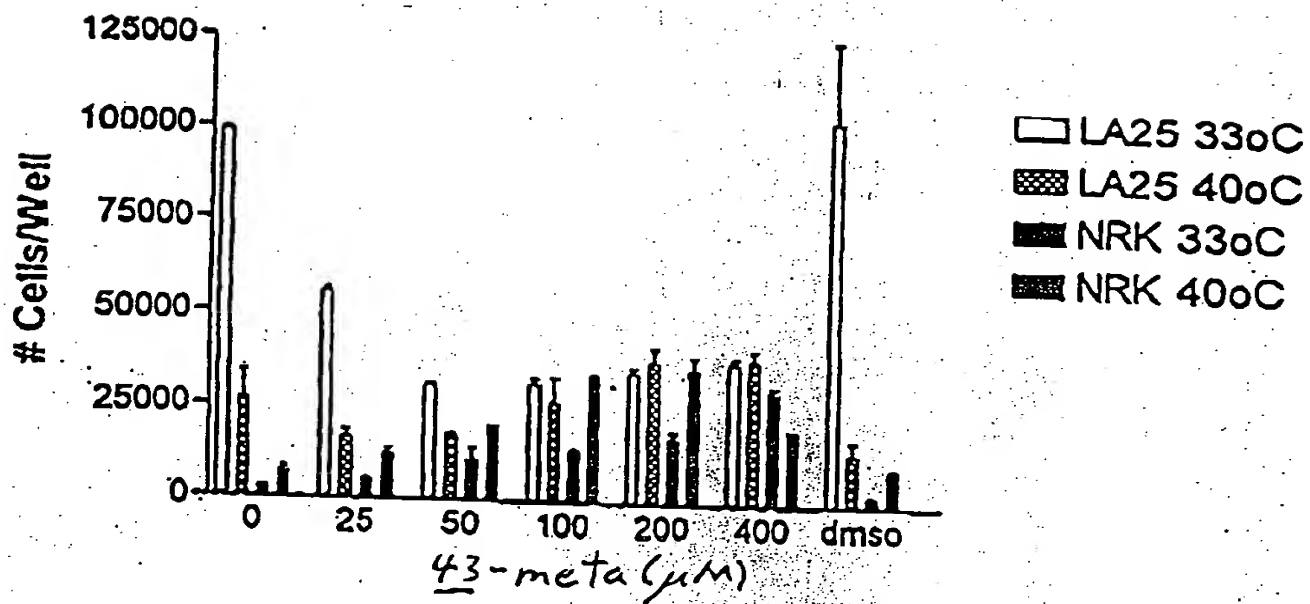


FIGURE 14



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004533 01300

FIGURE 15A

Ovarian Tumor N015 Sensitivity To Drugs:
Suspended Cell Culture

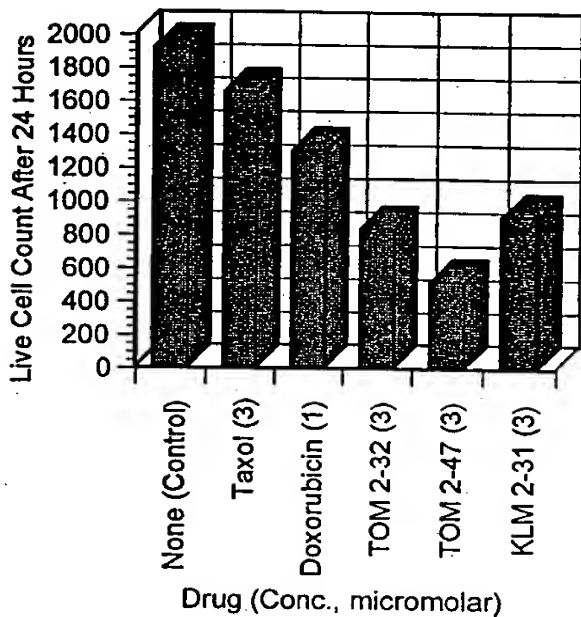


FIGURE 15B

Normal Human Fibroblasts Sensitivity To
Src Inhibitors: Subconfluent Cell Culture

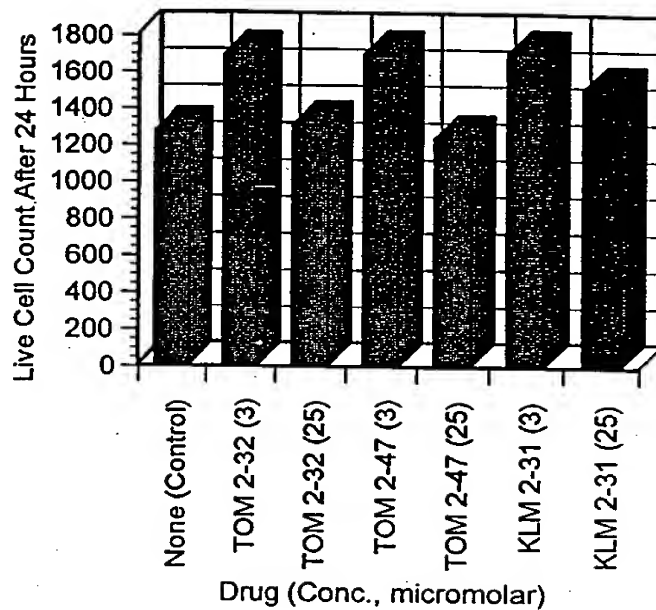


FIGURE 15C

